



DESIGN #	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. DSI 9238	REV. A SHEET 1 OF 1
DATE 02.07.11		TITLE OASYS WEIGHT & BALANCE	SCALE NTS
A	02.07.11	NEW ISSUE	

DART SERVICE INSTRUCTION
TO AMEND INSTALLATION INSTRUCTIONS IIN-D212-401 REV. A
REF. CANADIAN LSTC: 0-LSH02-046

THE WEIGHT AND BALANCE OF IIN-D212-401 REV. A IS REPLACED WITH THE FOLLOWING TABLE. THE TABLE BELOW ADDS THE WEIGHTS OF THE DART D412-401-013 KIT THAT REMAIN WITH THE AIRCRAFT WHEN THE OASYS RADAR UNIT IS REMOVED, AS WELL AS THAT WHICH REMAIN WITH THE OASYS RADAR UNIT.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-401-013	4.9 lb	0.0 in	0.0 lb-kg	-10.1 in	-49.5 in-lb
Hardware that remains on Aircraft	2.22 kg	0.0 m	0.0 m-kg	-0.256 m	-0.57 m-kg
D412-401-013	4.3 lb	0.0 in	0.0 lb-kg	-10.1 in	-43.4 in-lb
Hardware that stays with Oasys Radar Unit	1.95 kg	0.0 m	0.0 m-kg	-0.256 m	-0.50 m-kg
D412-401-013	9.2 lb	0.0 in	0.0 lb-kg	-10.1 in	-92.9 in-lb
Radome Compatible OASYS Mounting Kit (total)	4.17 kg	0.0 m	0.0 m-kg	-0.256 m	-1.07 m-kg
Oasys Radar Unit (REF)	54.0 lb	0.0 in	0.0 lb-kg	-10.9 in	-589 in-lb
	24.5 kg	0.0 m	0.0 m-kg	-0.277 m	-6.79 m-kg

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	02.07.11
CERT. NO.:	O-LSH02-046
ISSUE NO.:	1

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